GOVERNMENT OF INDIA
SCIENCE AND TECHNOLOGY
LOK SABHA

UNSTARRED QUESTION NO:3824
ANSWERED ON:18.04.2000
PROJECT UNDERTAKEN BY TIFAC
PAWAN KUMAR BANSAL

Will the Minister of SCIENCE AND TECHNOLOGY be pleased to state:

(a) whether the Technology Information Forecasting and Assessment Council (TIFAC) has undertaken some new Projects;

(b) if so, the details thereof; and

(c) the States covered under the Jai Vigyan Missions and the activities taken up by them so far?

Answer

MINISTER OF STATE FOR SCIENCE & TECHNOLOGY (Shri BACHI SINGH RAWAT)

(a) & (b) Yes Sir, The Projects undertaken by TIFAC are related to technology development focused on economic and social sectors. These pertain to technology upgradation in Sugar Industry, Fly Ash Utilization for different applications ranging from roads, construction to agriculture, Advanced Composites applications to transport, health care etc. as well as many Home Grown Technology projects such as manufacturing of briquetted coal from agricultural waste, production of Lactic acid and its derivatives using Biotechnology.

Some of the project relate to increasing agricultural productivity in low productivity areas, improvement in milk quality and yield, road transportation, electric power etc.

(c) The Jai Vigyan Mission projects are implemented by 10 scientific agencies throughidentified nodal institutions and covers locations in different States and Union Territories.

Following activities are being taken up under the Jai Vigyan Mission:

1) Household Food and Nutritional Security with focus on -

(a) for tribal, backward and hilly areas, and
(b) increasing the pulses productivity;

2) Biotechnological approaches for coffee improvement;
3) Cropping system studies using remote sensing and GIS;
4) Disaster management;
5) Sustainable plant genetic resources conservation strategies; Linking ex situ and on-farm conservation, complementing institutional mechanisms;
6) Application of nuclear technology in medicine;
7) Development and production of new generation vaccines and diagnostics for infectious diseases;
8) Biotechnological approaches towards herbal product development;
9) Setting up mirror sites for genomic research;
10) Design and development, fabrication and airworthiness testing of Light Transport Aircraft (LTA);
11) Setting up NOIDA Botanical Garden;
12) Technology development for Indian languages;
13) National programme for development of indigenously developed integrated medical LINAC for cancer therapy;
15) Ocean thermal energy conservation;
16) National Mission Mode Programme on control of Thalassemia;
17) Jai Vigyan national mission for Rheumatic Fever/Rheumatic heart diseases prevention;
18) Technology Mission for visually impaired;
19) Technology mission for Himalayan Geology with special reference to prevention of natural disasters;
20) Area development mission for Andaman and Nicobar Islands through Sc & Technology; and
21) Jai Vigyan Swasthya project for Rural areas.